

What is claimed is:

1. (original) In a system for pumping fluid including an engine, an engine governor, and a pump, said engine being connected to and operating the pump having an outlet and an inlet and said system being connectable to a fluid source and wherein said pump is adapted to pump liquid and intermittently pump gasses, the improvement comprising:

a pressure transducer connected to the governor of the engine and the outlet of the pump and being adapted to measure the fluid discharge pressure downstream of the pump and deliver a signal (A) responsive to said measured discharge pressure;

said governor being connected to the engine and adapted for controlling the operating speed of the engine and thereby the speed of the pump in response to changes in the magnitude of received signal (A); and

a controlling element connected to the governor and the pressure transducer and being adapted to receive signal (A) and override the governor and control the operation of the engine and the pump in response to pump discharge pressure fluctuation within a preselected period of time of less than 1 second.

2. (original) A fluid pumping system, as set forth in claim 1, wherein the controlling element overrides the governor and selectively maintains the pump speed constant or decreases said pump speed in response to the measured discharge pressure decreasing in the range of about 25 to about 100 percent in less than about 1 second in response to the fluid passing through the pump changing from a liquid to one of a gas or a gaseous liquid.

3. (original) A fluid pumping system, as set forth in claim 1, wherein the fluid pumping system is adapted for the pumping of water and intermittently pumping volumes of air.

4. (original) A fluid pumping system, as set forth in claim 1, wherein the fluid pumping system is associated with a fire truck.

5. (original) A fluid pumping system, as set forth in claim 1, wherein pump of the fluid pumping system is adapted to receive liquid from a plurality of different liquid sources.

6. (original) A fluid pumping system, as set forth in claim 1, wherein the pump is a centrifugal pump.

7. (canceled)

8. (canceled)

9. (canceled)